DEPARTMENT OF CONSTRUCTION SCIENCE

The construction industry is the largest industry in the nation with more than 7.7 million employees who annually produce more than 5 percent of the nation's Gross Domestic Product. Managing the construction process requires a broad understanding of the principles of construction science as well as leadership skills in motivating teams and integrating a wide range of tasks to produce a completed project.

The primary mission of the Department of Construction Science is to prepare students for successful careers and future leadership roles in construction and construction-related industries. The program integrates principles of architecture, technology, engineering, business and project management preparing students to effectively manage the total construction process. Courses taught by the Department include construction materials and methods, fundamental design courses in soils and foundations, mechanical and electrical systems and structures, project control systems and management, construction law, labor and contracts, and industry emphasis courses. In addition, related courses from other colleges are included to ensure a broad base of knowledge in business, engineering and construction fundamentals.

Enrollment in Construction Science Upper Level Program

1. Students must have satisfactorily completed at least 54 hours of coursework with a minimum GPA of 2.5 for those courses completed at Texas A&M University.
2. Students must satisfactorily complete the following courses as part of the 54 hours of coursework with a minimum of a 2.5 GPA to be considered to upper level:

Code	Title	Semester Credit Hours
Construction Science		
COSC 153	Introduction to the Construction Industry	3
COSC 175/ AREN 175	Construction Graphics Communication	3
COSC 253	Construction Materials and Methods I	3
COSC 275	Estimating I	3
COSC 284	Introduction to Applied Workplace Ethics, Etiquette and Communications	1
ENGL 104	Composition and Rhetoric	3
ENGL 210	Technical and Professional Writing	3
MATH 140	Mathematics for Business and Social Sciences	3
MATH 142	Business Calculus	3
PHYS 201	College Physics	4
CHEM 119	Fundamentals of Chemistry I	4
or GEOL 10	or Principles of Geology and	
& GEOL 10	Principles of Geology Laboratory	
Total Semester Credit Hours		**33**

3. Students must apply for upper level through the department. The application is to be submitted the semester or summer session in which all of the above criteria are met.
   - March 1 for Summer admission
   - June 1 for Fall admission
   - October 1 for Spring admission

Faculty

Anand, Binay, Visiting Lecturer
Construction Science
DEN, University of Houston, 2004

Andrews, William, Visiting Lecturer
Construction Science
JD, University of Houston Central Campus, 1978

Aryal, Ashrant, Assistant Professor
Construction Science
PHD, University of Southern California, 2020

Behzadan, Amir H, Professor
Construction Science
PHD, University of Michigan, 2008

Birdwell, Randall P, Associate Professor of the Practice
Construction Science
BEN, Texas A&M University, 1978

Boldt, Gary L, Senior Lecturer
Construction Science
BS, Texas A&M University, 1983

Burrescia, John, Lecturer
Construction Science
MS, Georgia Institute of Technology, 2009

Carlson, Kimberly A, Senior Lecturer
Construction Science
MAR, Texas A&M University, 2002

Choi, Kunhee, Professor
Construction Science
PHD, University of California at Berkeley, 2008

Cokinos, Gregory, Part-Time Lecturer
Construction Science
JD, South Texas College of Law, 1982

Cooke, Guy, Visiting Lecturer
Construction Science
BS, Texas A&M University, 1980

Coussons, Donna, Assistant Instructional Professor
Construction Science
MED, Sam Houston State University, 2016

Daigneault, Melissa S, Lecturer
Construction Science
JD, Wake Forest University School of Law, 2003

Delgado, Steven, Part-Time Lecturer
Construction Science
BS, Texas A&M University, 2009

Dietz, Carlen, Visiting Lecturer
Construction Science
MS, Texas A&M University, 2021

Dixit, Manish K, Associate Professor
Construction Science
PHD, Texas A&M University, 2013

Dudley, Drew, Part-Time Lecturer
Construction Science
MEN, Texas A&M University, 2012

Ellis, Avery, Part-Time Lecturer
Construction Science
MS, Texas A&M University, 2019

Ellis, Debra R, Senior Lecturer
Construction Science
JD, Baylor University, 1993

Escamilla Jr, Edelmiro E, Instructional Associate Professor
Construction Science
PHD, Texas A&M University, 2011
MAR, Texas A&M University, 2002

Feigenbaum, Leslie H, Senior Lecturer
Construction Science
MS, Texas A&M University, 1985

Fickel, Larry W, Senior Lecturer
Construction Science
BS, Texas A&M University, 1981

Fleming, David, Visiting Associate Professor of the Practice
Construction Science
BS, Texas A&M University, 1975

Guerra Santos, Hernan, Senior Lecturer
Construction Science
MS, Texas A&M University, 2003

Ham, Youngjib, Associate Professor
Construction Science
PHD, University of Illinois at Urbana-Champaign, 2015
MAR, Seoul National University, Korea, 2011

Hanks, Michael, Visiting Lecturer
Construction Science
BS, Texas A&M University, 1979

Hartell, Julie Ann, Assistant Professor
Construction Science
PHD, McGill University, Montreal, Canada, 2014

Holliday, Ashton, Visiting Lecturer
Construction Science
MAR, Texas A&M University, 2016

Houston, Jonathan, Senior Lecturer
Construction Science
BEN, Texas A&M University, 2007

Jeong, Hyungseok David, Professor
Construction Science
PHD, Purdue University, 2005

Kang, Ho-Yeong, Associate Professor
Construction Science
PHD, Texas A&M University, 2001

Lavy, Sarel, Professor
Construction Science
PHD, Technion - Israel Institute of Technology, Israel, 2006

Lewis, Michael P, Associate Professor
Construction Science
PHD, North Carolina State University, 2009

Marraro, Anthony R, Senior Lecturer
Construction Science
MS, Texas A&M University, 1997

McCloskey, Aarika, Part-Time Lecturer
Construction Science
JD, Southern Methodist University, 2014

McGowan, Anne B, Instructional Professor
Construction Science
MS, Texas A&M University, 1976

Morgan, Alex, Assistant Instructional Professor
Construction Science
MBA, American Military University, 2017

Nnaji, Chukwuma, Assistant Professor
Construction Science
PHD, Oregon State University, 2018

Orieka, Okeoghene, Visiting Lecturer
Construction Science
MS, University of Illinois, 2016

Palmer, Richard C, Senior Lecturer
Construction Science
BS, Texas A&M University, 1988

Pouland, Kendall, Visiting Lecturer
Construction Science
BS, Texas A&M University, 2003

Rocchio, Leland, Visiting Lecturer
Construction Science
PHD, Our Lady of the Lake University of San Antonio, 2015

Rodgers, William S, Professor of the Practice
Construction Science
JD, Texas Tech University, 1978

Russell, Richard, Visiting Lecturer
Construction Science
MBA, Texas A&M University, 1997

Rybkowski, Zofia K, Associate Professor
Construction Science
PHD, University of California at Berkeley, 2009
MAR, Harvard University, 1991

Ryoo, Boong Y, Associate Professor
Construction Science
PHD, University of Wisconsin, Madison, 1995

Simms, Lance Eric, Senior Lecturer
Construction Science
MS, Texas A&M University, 2000

Suermann, Patrick C, Associate Professor
Construction Science
PHD, University of Florida, 2009

Wang, Xi, Assistant Professor
Construction Science
PHD, University of Michigan - Ann Arbor, 2022

Whitman, John M, Lecturer
Construction Science
BS, Texas A&M University, 1989

Zhang, Zhenyu, Assistant Professor
Construction Science
PHD, University of Washington, 2021
MAR, Chongqing University, 2016

Majors

- Bachelor of Science in Construction Science (http://catalog.tamu.edu/undergraduate/architecture/construction-science/bs/)

Minors

- Facility Management Minor (http://catalog.tamu.edu/undergraduate/architecture/construction-science/facility-management-minor/)
- Leadership in the Design and Construction Professions Minor (http://catalog.tamu.edu/undergraduate/architecture/construction-science/leadhership-design-construction-professions-minor/)